* How to create a dictionary?

A = {} // create a empty dictionary

A[<key>] = <value> // we can add new key or change value by using this statment

A = {1:10, ‘a’:100, ‘b’:[100, 200, 300]}

// the dictionary key can be number or string or character, its value can be value, string, list or any other data type, and mix and match them.

* How to check whether the key exist?

<key> in <dict>.keys() // this return True if <key> exist. Return false if not

* How to traverse the dictionary

For <key>, <value> in <dict>.items(): // this for loop will traverse the <dict>. <key> and <value> will iteratively be the key and value

* How to get the list of key of a dictinary

<dict>.keys() // return a “dict\_key” object contain a list of keys

<dict>.values() // return a “dict\_values” object contain a list of values

<dict>.items() // return a “dict\_items” object contain a list of tuple containing (key, value)

We can convert it to list by using list() function

Ex: list(<dict>.keys())

* How to remove key?

del <dict>[<key>]